

METHOD AND APPARATUS FOR TERMINATING RECEPTION
IN A WIRELESS COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

5

A receiver front end (302) receives a known Stop Waveform (114) comprising a predetermined symbol pattern on a voice channel, the Stop Waveform sent at the end of a transmission. A processor (304) coupled to the receiver front end terminates (512) the reception of the voice channel in response to detecting the Stop Waveform.

10 The processor computes (504) a plurality of characteristics derived from the received signal, including a carrier-to-noise ratio, a maximum normalized symbol correlation energy over all symbols of the Stop Waveform, and a number of small and a number of large normalized symbol energy values. The processor detects (506) the Stop
Waveform by comparing the plurality of characteristics with a corresponding plurality
15 of predetermined thresholds.